

PERSONAL INFORMATION

Francesca Balistreri

📍 **Fondazione IRCCS Istituto Neurologico Carlo Besta**
UO: **Genetica Medica e Neurogenetica**
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WORK EXPERIENCE

6/2020-Today

Italian NHS researcher

Fondazione IRCCS Istituto Neurologico Carlo Besta – Milan
UOC Genetica Medica e Neurogenetica

- Research activity in neurodegenerative diseases through the use of next-generation sequencing and molecular biology techniques.

12/2015 - 6/2020

Research fellow

Fondazione IRCCS Istituto Neurologico Carlo Besta – Milan
UOC Genetica Medica e Neurogenetica

- Research activity in hereditary neuropathy diseases through the use of next-generation sequencing and molecular and cellular biology techniques.

5/2014 - 11/2015

Researcher

Istituto Nazionale di Genetica Molecolare (INGM) - Milan

- Molecular characterization of SHH signalling pathways through the use of cellular, molecular biology, imaging and live imaging techniques.

EDUCATION AND TRAINING

11/2017

Professional qualification Biologist (State Board Exams)

University of Pavia- Pavia

- State Board Exams

10/2010 - 2/2013

Master degree in Medical Biotechnology and molecular medicine

University of Milan- Milan

- Biology and Biotechnology disciplines

9/2006 - 10/2010

Bachelor's degree in Medical Biotechnology

University of Milan- Milan

- Biology and Biotechnology disciplines

9/2001 - 7/2006

High school diploma in Chemical and Biological laboratory technician

ITSOS Istituto Tecnico Statale ad Orientamento Speciale – Cernusco sul Naviglio (MI)

- Biology and chemistry disciplines

TECHNICAL SKILLS

Molecular Biology: DNA and RNA extractions, molecular cloning, PCR, gel electrophoresis, Real-Time PCR, Reverse transcriptase-PCR, Multiplex ligation-dependent probe amplification (MLPA), Sanger sequencing and Next-Generation Sequencing.

Cellular Biology: Maintenance of cultures obtained from mice, humans and yeasts; transformation, transfection, protein extraction and western blot in yeast.